
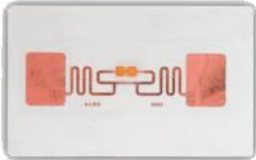








UHF Tags Passive



ROVER PASSIVE TRANSPONDERS

Model No.	Description	Image
Wet Inlay	Alien H3 860~960MHz Standard: EPC Class 1 Gen2 Chip; Protocol: ISO 18000-6C; Wet Inlay Die Cut: 102mm*22mm; Storage Memory: 96 bits EPC Number & 512 bits User memory; Data Storage : 10 years; Read/Write:100,000 times	
Paper Label	Alien H3 860~960MHz Standard: EPC Class 1 Gen2 Chip; Protocol: ISO 18000-6C; Paper Label Die Cut: 102mm*22mm; Storage Memory: 96 bits EPC Number & 512 bits User memory; Data Storage : 10 years; Read/Write:100,000 times	
Windshield Tag	Alien H3 860~960MHz Standard: EPC Class 1 Gen2 Chip; Protocol: ISO 18000-6C; Label Size: 76.2mm*101.6*0.35mm; Material : Paper Destructible Design; Antenna Material: Aluminum etching; Storage Memory: 96 bits EPC Number & 512 bits User memory; Data Storage : 10 years; Read/Write:100,000 times	
Jewellery Tag	Alien H3 860~960MHz Standard: EPC Class 1 Gen2 Chip; Protocol: ISO 18000-6C; Label Size: 60mm*15mm(unfold)/ 30*15mm (fold) with Tail length of 60mm; Material : Paper /PP/PET; Antenna Material: Aluminum etching; Storage Memory: 96 bits EPC Number & 512 bits User memory; Data Storage : 10 years; Read/Write:100,000 times	
Metal Mount Tags	Alien H3 860~960MHz Standard: EPC Class 1 Gen2 Chip; Protocol: ISO 18000-6C with screw hole for mounting tags on metallic products or uneven surfaces	
Insulated Metal Tag	Alien H3 860~960 MHz Standard EPC Class 1 Gen 2 Chip, Protocol : ISO 18000-6C, 96 bits EPC memory, 512 bits User memory, 80mm * 30mm *0.35mm, ACRYLIC	

Typical Applications:

- LOGISTICS & WAREHOUSE MANAGEMENT
- PATIENT ID MANAGEMENT
- ASSET TRACKING
- PARKING MANAGEMENT
- PRODUCTION LINE MANAGEMENT
- ACCESS CONTROL
- PRODUCT COUNTERFEIT PROOF PROTECTION



R-JA9620 Jewellery Tag



Application Areas:

- Jewellery Tagging for single use
- Jewellery Tagging for multiple uses

Features:

- Our UHF Jewellery tag provides wonder read ranges upto 4m .
- The tag is designed for Jewels to give maximum efficiency
- Tag comes in 2 forms, Paper One time use tag and PVC re-usable Tag
- Tags can be printed with Custom Design
- Flexible Read/Write Range (Environment and Reader dependent).
- Global frequency tuning and high read range allows it to be used in Jewellery Asset & Inventory Management
- Works great when even when Jewels are collectively placed in wooden Trays to give Anti Collision and maximum tag read.

Technical Specifications:

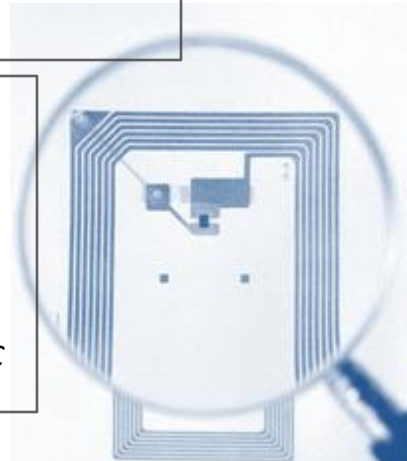
Operating Freq.: UHF (860 – 960 MHz)
Read Range: Over 4m (reader dependent)
RFID Chip: Alien Higgs3 9620
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Data retention: 50 years
Write cycles: 100,000

Physical Specifications: PAPER TAG

Dimension: 30 x 15 with Tail of 60mm
Thickness: Under 3mm
Top Material: Paper
Storage Temp: -25°C to +70°C
Operating Temp: -25°C to +70°C

Physical Specifications: PVC TAG

Dimension: 40 x 15
Hole Dia: Under 3mm
Thickness: 0.80 +/- 0.04mm
Top Material: PVC
Storage Temp: -25°C to +70°C
Operating Temp: -25°C to +70°C



R-UT 3550 Tamper Proof Tag



Application Areas:

- Vehicle Windshield
- IT and other Assets
- Plastic Pallets
- Plastic Bins
- Any tamper-proofing application where tag should not be moved from one item to another.

Features:

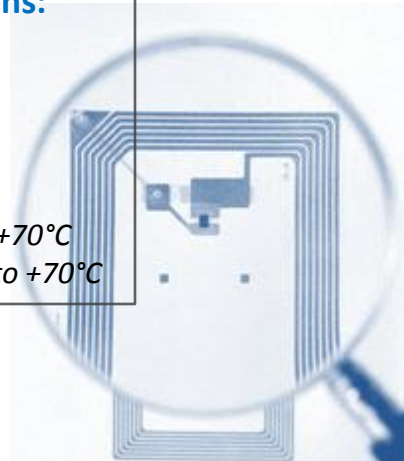
- Our UHF Tamper-proof tag provides wonder read ranges upto 10m when attached to plastic, wood, glass, etc.
- When tag is removed from asset, it immediately become “dead” and stops responding. Intention: No-one can replace the tag from one item to another.
- The tag is designed with impact resistance construction for high durability
- Tag comes pre-gummed and can be easily attached to any surface
- Tag can also be fixed using screws on any surface
- Flexible Read/Write Range (Environment and Reader dependent).
- Global frequency tuning and high read range allows it to be used in asset tracking, vehicle movement and other applications.
- Works great when applied on Vehicle windshield, Plastic pallets, assets, etc.

Technical Specifications:

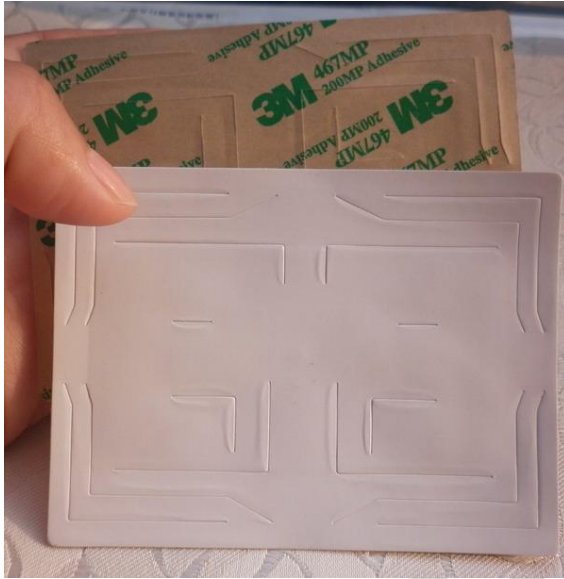
Operating Freq.: UHF (860 – 960 MHz)
Read Range: Over 10m (reader dependent)
RFID Chip: Alien Higgs3
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Data retention: 50 years
Write cycles: 100,000

Physical Specifications:

Dimension: 80 x 25
Thickness: Under 3mm
Top Material: PVC
Weight: ~4gm
IP Rating: IP54
Storage Temp: -40°C to +70°C
Operating Temp: -40°C to +70°C



R-WT 9505 Windshield (Tamper Proof) Tag



Application Areas:

- Vehicle Windshield
- IT and other Assets
- Plastic Pallets
- Plastic Bins
- Any tamper-proofing application where tag should not be moved from one item to another.

Features:

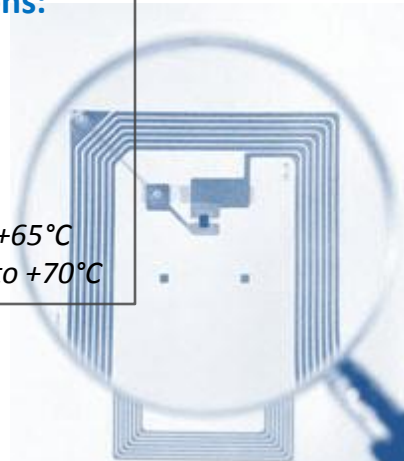
- Our UHF Tamper-proof tag provides wonder read ranges upto 8m when attached to plastic, wood, glass, etc.
- When tag is removed from asset, it immediately become “dead” and stops responding. Intention: No-one can replace the tag from one item to another.
- The tag is designed with impact resistance construction for high durability
- Tag comes pre-gummed and can be easily attached to any surface
- Tag can also be fixed using screws on any surface
- Flexible Read/Write Range (Environment and Reader dependent).
- Global frequency tuning and high read range allows it to be used in asset tracking, vehicle movement and other applications.
- Works great when applied on Vehicle windshield, Plastic pallets, assets, etc.

Technical Specifications:

Operating Freq.: UHF (860 – 960 MHz)
Read Range: Over 8m (reader dependent)
RFID Chip: Alien Higgs3
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Data retention: 50 years
Write cycles: 100,000

Physical Specifications:

Dimension: 76.2x101.6
Thickness: Under 3mm
Top Material: PVC
Weight: ~4gm
IP Rating: IP54
Storage Temp: -20°C to +65°C
Operating Temp: -25°C to +70°C



R-LA9662 Silicone Laundry Tag



Application Areas:

- Laundry Management
- High temperature working environment
- Washing, Sewing & Ironing

Features:

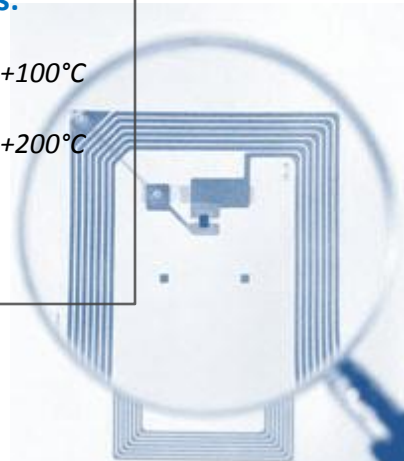
- Our UHF Silicone Laundry tag provides wonder read ranges upto 5m.
- Tag is able to withstand high temperatures during washing , sewing & ironing
- The tag is designed with heat resistance for high durability
- Tag comes in a flexible soft form and can be easily sewed into any garment
- Soft form is waterproof
- Flexible Read/Write Range (Environment and Reader dependent).
- Global frequency tuning and high read range allows it to be used in asset tracking, vehicle movement and other applications.
- Works great when applied on laundry or high temperature working environment

Technical Specifications:

Operating Freq.: UHF (860 – 960 MHz)
Read Range: Over 5m (reader dependent)
RFID Chip: Alien Higgs3
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Data retention: 50 years
Write cycles: 100,000

Physical Specifications:

Dimension: 90x30x2mm
Operating Temp: -25°C to +100°C
Dimension: 55x10x2.2mm
Operating Temp: -40°C to +200°C
Top Material: Silicone
Weight: ~4gm
IP Rating: IP54



R-H9525/R-H5213 Metal Tag



Application Areas:

- Metal Mounting
- Vehicle Tracking
- Container Tracking

Features:

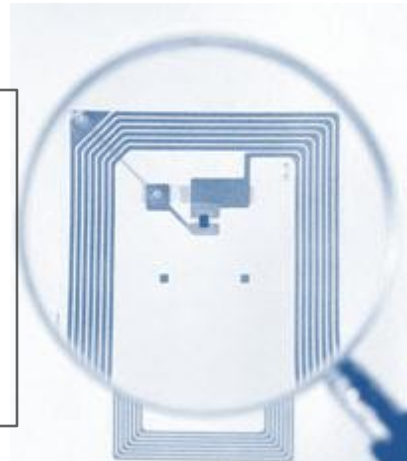
- Our UHF Metal tag provides wonder read ranges upto 10m.
- Tag is able to withstand high temperatures.
- The tag is designed for mounting on Metallic surfaces to negate the metal interference
- Tag comes with a ABS hard casing and can be fixed with screws on the metals body. The ABS body makes it waterproof
- Flexible Read/Write Range (Environment and Reader dependent).
- Global frequency tuning and high read range allows it to be used in asset tracking, vehicle movement and other applications.

Technical Specifications:

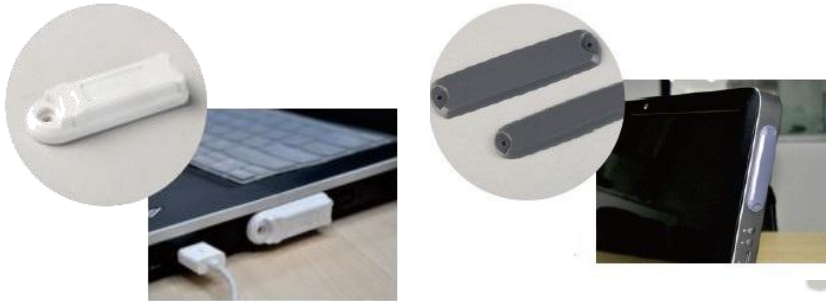
Operating Freq.: UHF (860 – 960 MHz)
Read Range: ~ 10m (reader & environment dependent)
RFID Chip: Alien Higgs3 /Impinj Monza 4QT
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Supporting protocol: ISO 18000-6C/EPC
Data retention: 50 years
Write cycles: 100,000
Electrostatic Defending: 2000V

Physical Specifications:

Dimension: 95*25*3.5mm/52*13*2.7mm
Top Material: ABS
Weight: ~4gm
IP Rating: IP68
Storage Temp: -30°C to +80°C Relative Humidity 30 at 70% RH
Operating Temp: -40°C to +80°C Relative Humidity 15 at 95% RH



R-H5016 Laptop Metal Tags



Application Areas:

- Metal Mounting
- Laptop Tracking
- Asset Tracking

Features:

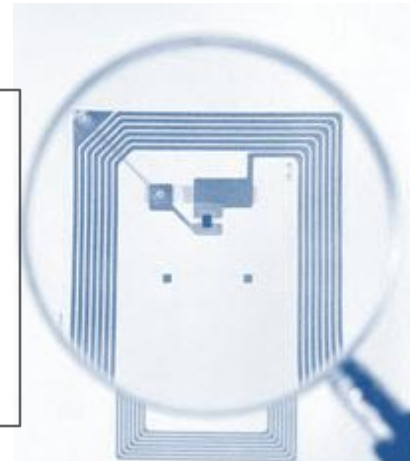
- Our UHF Metal tag provides wonder read ranges upto 10m.
- Tag is able to withstand high temperatures.
- The tag is designed for mounting on Metallic surfaces to negate the metal interference
- Tag comes with a ABS hard casing and can be fixed with screws on the metals body. The ABS body makes it waterproof
- Flexible Read/Write Range (Environment and Reader dependent).
- Global frequency tuning and high read range allows it to be used in asset tracking, vehicle movement and other applications.

Technical Specifications:

Operating Freq.: UHF (860 – 960 MHz)
Read Range: ~ 6m (reader & environment dependent)
RFID Chip: Alien Higgs3
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Supporting protocol: ISO 18000-6C/EPC
Data retention: 50 years
Write cycles: 100,000
Electrostatic Defending: 2000V

Physical Specifications:

Dimension: 50*16*8.4mm
Top Material: ABS
Weight: ~3gm
IP Rating: IP68
Storage Temp: -30°C to +80°C Relative Humidity 30 at 70% RH
Operating Temp: -40°C to +80°C Relative Humidity 15 at 95% RH



R-H10030 Insulated Metal Tags



Application Areas:

- Metal Mounting
- Laptop Tracking
- Asset Tracking

Features:

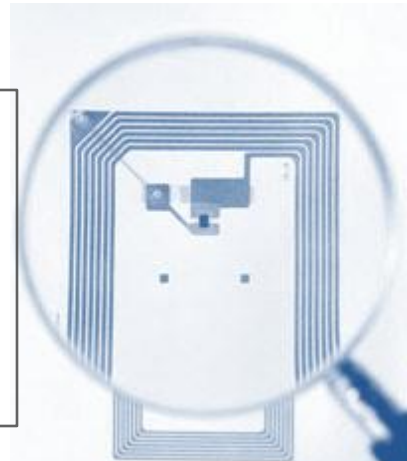
- Our UHF Metal tag provides wonder read ranges upto 10m.
- Tag is able to withstand high temperatures.
- The tag is designed for mounting on Metallic surfaces to negate the metal interference
- Tag comes with a Soft foamed casing and can be fixed with high quality 3M adhesive on the metals body. The PCB body makes it waterproof
- Flexible Read/Write Range (Environment and Reader dependent).
- Global frequency tuning and high read range allows it to be used in asset tracking, vehicle movement and other applications.

Technical Specifications:

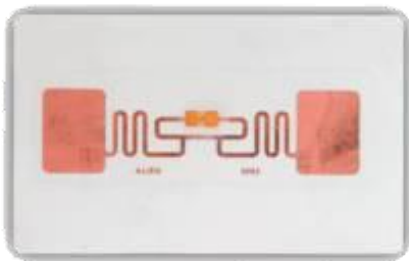
Operating Freq.: UHF (860 – 960 MHz)
Read Range: ~ 10m (reader & environment dependent)
RFID Chip: Alien Higgs3
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Supporting protocol: ISO 18000-6C/EPC
Data retention: 50 years
Write cycles: 100,000
Electrostatic Defending: 2000V

Physical Specifications:

Dimension: 100*30*2.8mm/75*15*2.8mm/60*12*2.8mm
Top Material: PCB
Weight: ~3gm
IP Rating: IP68
Storage Temp: -30°C to +80°C Relative Humidity 30 at 70% RH
Operating Temp: -40°C to +80°C Relative Humidity 15 at 95% RH



R-CA9662 ISO PVC Card



Features:

- Our UHF PVC Cards provide read ranges ~10m.
- Card is able to withstand high temperatures.
- The Card is manufactured with 4 layers of PVC sheets
- PVC Card comes without overlay to make it printable on Card Printers
- Cards can be provided with static printable data
- Flexible Read/Write Range (Environment and Reader dependent).
- Cards can withstand to static and dynamic curvature and torsion 1000 cycles.

Technical Specifications:

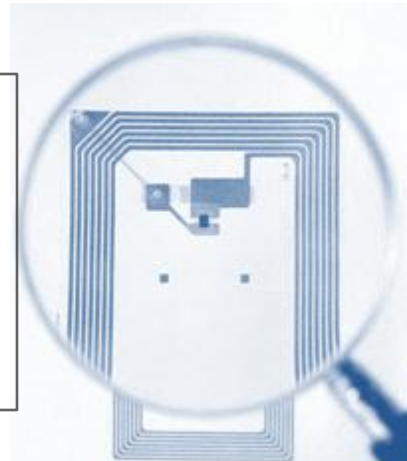
Operating Freq.: UHF (860 – 960 MHz)
Read Range: Over 10m (reader dependent)
RFID Chip: Alien Higgs3 9662
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Supporting protocol: ISO 18000-6C/EPC
Data retention: 50 years
Write cycles: 100,000

Application Areas:

- ID cards
- Product cards
- Vehicle cards

Physical Specifications:

Dimension: 85.6 (+/- 0.013) x 53.98 (+/- 0.05)
Thickness: 0.84 (+/- 0.04)
Top Material: PVC
Weight: ~6.5gm
Color: White Surface: Matt or Glossy
Storage Temp: 0°C to +50°C Relative Humidity 30 at 70% RH
Operating Temp: -10°C to +50°C Relative Humidity 15 at 95% RH



R-T9613 PVC Token card



Features:

- Our UHF PVC Token Cards provide read ranges ~0.3m.
- Token Card is able to withstand high temperatures.
- The Card is manufactured with PVC sheets
- Token Cards can be provided with selectable colors
- Flexible Read/Write Range (Environment and Reader dependent).
- Can be used adjacent to metallic objects

Technical Specifications:

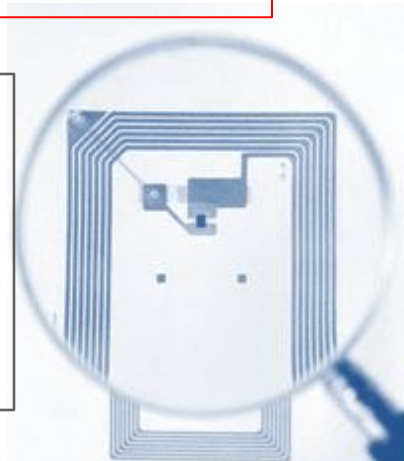
Operating Freq.: UHF (860 – 960 MHz)
Read Range: ~ 0.3m (reader dependent)
RFID Chip: Alien Higgs3 9613
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Supporting protocol: ISO 18000-6C/EPC
Data retention: 50 years
Write cycles: 100,000

Application Areas:

- ID Tokens
- Product Tokens
- Vehicle Tokens
- Food Tokens

Physical Specifications:

Dimension: 85.6 (+/- 0.013) x 53.98 (+/- 0.05)
Thickness: 0.84 (+/- 0.04)
Top Material: PVC
Weight: ~6.5gm
Color: White Surface: Matt or Glossy
Storage Temp: 0°C to +50°C Relative Humidity 30 at 70% RH
Operating Temp: -10°C to +50°C Relative Humidity 15 at 95% RH



R-LH10125U UHF LABEL



Features:

- EPC CLASS 1 GEN2
- Operating Frequencies 860~960MHz
- 96 bits EPC Number
- 512 bits user memory
- Chip: Alien H3

RF Features

Operating Frequency	860~960MHz
Mode of Operation	Passive

Electrical Characteristics

Protocol	EPC CLASS 1 GEN2
User Memory	96 bits EPC Number 512 bits User Memory

Inlay Material

Antenna	Al, 30μm+/- 3μm
CHIP	Silicon, 150μm+/- 10μm
Substrate	PET, 38μm +/- 5μm

PESD

Human Body Mode	1.5KV
Charged device Mode	1.5KV

Label Material

Surface Material	White writing paper, 80 g/m ²
Adhesive	Acrylic emulsion, 25μm+/- 3μm
Release Paper	White glassine paper, 60 g/m ²

Environmental Specifications

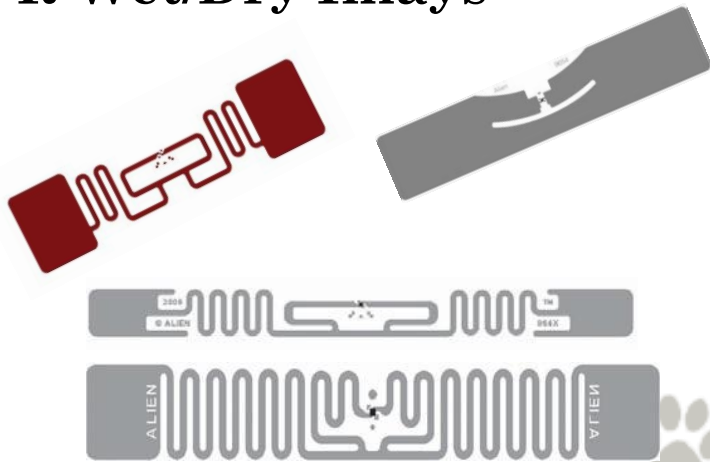
Lifetime	100,000 cycles
Recommended Storage Condition	-25°C to +50°C 20% to 90%RH
Operating Temp.	-40°C to +85°C
RoHs	2002/95/EC

Label Specifications

Label Size	4"x1" / 4"x2" / 4"x4" / 4"x6"
Label Pitch	40.0mm+/-0.5mm
Linear Width	112mm+/- 0.5mm
Max Units per Roll	5000 pcs.



R-Wet/Dry Inlays



Chips available

- Alien H3
- Alien H4
- Impinj Monza

Features:

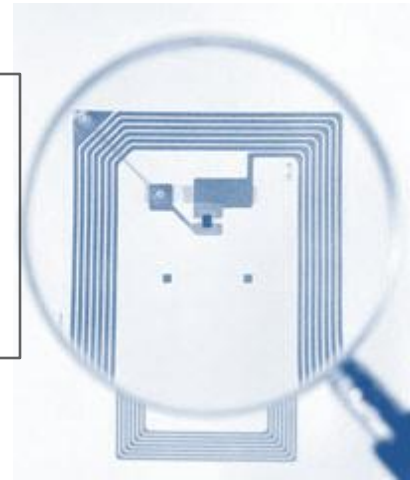
- Our Inlays provide read ranges between 3~ 10m.
- Inlays can be provided in Gummed or Dry form.
- Inlays are available from different manufacturers in various form factors
- Inlays can be provided with static printable data
- Flexible Read/Write Range (Environment and Reader dependent).
- Antenna substrate is PET
- Antenna etching is Aluminum

Technical Specifications:

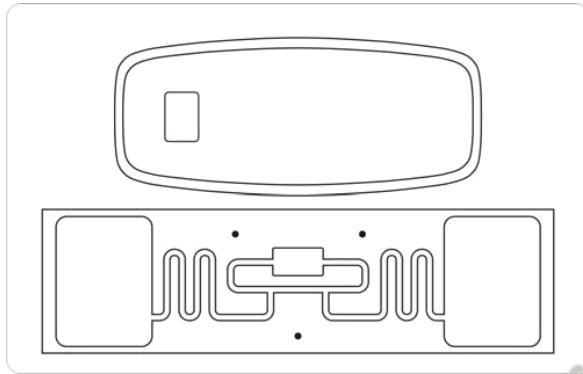
Operating Freq.: UHF (860 – 960 MHz)
Read Range: 3~ 10m (reader dependent)
RFID Chip: Alien Higgs3 9662/9640/9620 & Impinj
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Supporting protocol: ISO 18000-6C/EPC
Data retention: 50 years
Write cycles: 100,000

Physical Specifications:

Dimension: depending on the chip
Thickness: 0.84 (+/- 0.04)
Top Material: PET
Storage Temp: -25°C to +60°C Relative Humidity 30 at 70% RH
Operating Temp: -40°C to +70°C Relative Humidity 15 at 95% RH



R-CCA9662 PVC CombiCard



Combination Cards:

- UHF + EM
- UHF + Mifare

Features:

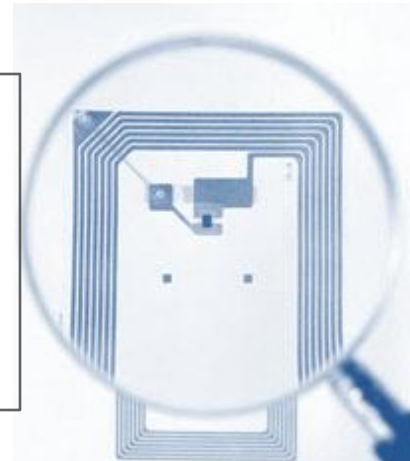
- Our UHF PVC Cards provide read ranges upto 10m.
- Card is able to withstand high temperatures.
- The Card is manufactured with 4 layers of PVC sheets
- PVC Card comes without overlay to make it printable on Card Printers
- Cards can be provided with static printable data
- Flexible Read/Write Range (Environment and Reader dependent).
- Cards can withstand to static and dynamic curvature and torsion 1000 cycles.

Technical Specifications:

Operating Freq.: UHF (860 – 960 MHz)
Read Range: Over 10m (reader dependent)
RFID Chip: Alien Higgs3 9662
EPC Memory: 96 to 480 bit
User Memory: 512 bit
Supporting protocol: ISO 18000-6C/EPC
Data retention: 50 years
Write cycles: 100,000

Physical Specifications:

Dimension: 85.6 (+/- 0.013) x 53.98 (+/- 0.05)
Thickness: 0.84 (+/- 0.04)
Top Material: PVC
Weight: ~6.5gm
Color: White Surface: Matt or Glossy
Storage Temp: 0°C to +50°C Relative Humidity 30 at 70% RH
Operating Temp: -10°C to +50°C Relative Humidity 15 at 95% RH



RT-826 WRIST TAG



Chips available

- UCODE
- Alien H3
- Impinj
- Mifare
- RF Proximity

Features:

Specialized for identifying and managing patients.

With soft material, patient's personal information can be written in the wrist band chip.

RT826 Tag is severd for treatment, assay, inspection, operation, taking medicine, ordering a meal, cost payment etc management.

Technical Specifications:

Operating Freq.: **UHF (860 – 960 MHz)/ HF (13.56Mhz)/LF 125Khz**

Read Range: 10cm ~ 5m/ 10cm/2cm

RFID Chip: AlienH3/UCODE/Impinj/Mifare/Proximity

EPC Memory: 96 to 480 bit (UHF)/1KB(Mifare)

User Memory: 512 bit

Supporting protocol: ISO 18000-6C/EPC GEN 2

Data retention: 10 years

Write cycles: 100,000

Physical Specifications:

Dimension: 4.8 in×1.3 in×0.5 in Or 11.5 in×1.3in×0.5in

Top Material: PVC

Weight: ~6.5gm

Color: White Surface: Matt or Glossy

Storage Temp: -60°C to +80°C Relative Humidity 30 at 70% RH

Operating Temp: -40°C to +70°C Relative Humidity 15 at 95% RH

